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(54) Title: PROCESS FOR THE PRODUCTION OF HYDROGEN CYANIDE BY THE BMA PROCESS AND CATALYST FOR THE IMPLEMENTATION THEREOF

(57) Abstract: The invention relates to an improvement to the BMA process for the production of hydrogen cyanide from methane and ammonia in the presence of a platinum-containing catalyst. The problem of sooting, and thus the decrease in activity, of the catalysts can be reduced, or the activity increased, in that the catalyst is doped with an element from the series Cu, Ag, Au, Pd and W. The doping is preferably in the range of 0.01 to 20 mole % doping element, based on Pt.

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